

U.S. Serial No. 09/737743

**IN THE SPECIFICATION****Please replace paragraph 3 on page 1 with the following:**

41  
"Direct Drive Programmable Class A and B High Speed Power DAC", filed on even date and assigned application Serial No. 09/737474, which issued on 08-Oct-2002 as U.S. Patent No. 6,462,688 the contents of which are incorporated herein by reference.

**Please replace the second full paragraph beginning on page 19 and ending on the top of page 20 with the following:**

Fig. 12 is another implementation of replication transmitter 30. Fig. 12 illustrates a transmitter comprising  $n$  direct drive programmable high speed power digital to analog converters  $400_1-400_n$ . A complete description of such is provided in commonly assigned, copending application "Direct Drive Programmable Class A and B High Speed Power DAC", filed on even date and assigned application Serial No. 09/737474, which issued on 08-Oct-2002 as U.S. Patent No. 6,462,688 the contents of which are incorporated herein by reference. In accordance with IEEE standard 802.3ab the transmitter provides 17 different levels which is accomplished by superpositioning selected ones of the direct drive programmable high speed power digital to analog converters  $400_1-400_n$ . In this arrangement the replication transmitter comprises current sources  $I_1...I_n$  configured in series to develop an output voltage across  $R_{\text{replication}}$ . In this arrangement,  $R_{\text{replication}}$  may be adjustable similarly as described above. Alternatively,  $R_{\text{replication}}$  may be fixed and the output voltage may be multiplied by a voltage multiplier similar to that of voltage multiplier 200. Fig. 13 shows the details of one of the direct drive programmable high speed power digital to analog converters  $400_i$  and a detailed explanation of which can be found in the aforementioned commonly-assigned application.